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STANDARD SEEDS

PRICE . 1945 . LIST

Wm. T. PHILIPPS & CO., INC.
519-521 Monroe Street • Toledo 4, Ohio

● Due to unsettled market conditions, prices are subject to change without notice.

IN PRESENTING you with our list of Seeds for Spring and Summer planting, we beg to say that for many years we have made this our business and feel confident that the Seeds we offer will give you good satisfaction, as great care has been taken to have them grown from the finest strains and tested for vitality before we offer them for sale.

We invite critical inspection before buying elsewhere, for we feel assured that this is needed to convince you that it is not necessary to send out of the city for anything in this line.

Our prices are as low as possible for strictly high grade Seeds—the best it is possible to produce—and no better seeds are to be had at any price.

OUR PRICE—We shall adhere as closely as possible to the prices quoted in this catalog but the market value of some seeds is variable. This is most noticeable in grass, clover seeds, onion sets and seed potatoes. Quotations for such articles will be furnished on application.

Our prices include delivery free by mail for all Packets, Ounces, Quarter Pounds and Pounds. Prices on larger lots are based on purchaser paying transportation charges.

ADDRESSES, ETC.—In ordering, please be particular to sign your Name, also that of your Postoffice, County and State plainly; also mention mode of conveyance you prefer—whether by mail, express or freight. Serious delays are sometimes occasioned by failing to give attention to these matters.

BAGS ARE FURNISHED AT MARKET PRICES.

We, Wm. T. Philipps & Co., Inc., give no warranty express or implied as to productiveness of any seeds or bulbs it sells, and will not be in any way responsible for the crop. Our liability in all instances is limited to the purchase price of the seed.

Hoping our customers will appreciate our efforts to meet their wants, and trusting we shall become better acquainted during the coming year, to our mutual profit, and soliciting a share of your orders, we remain,

Yours truly,

Wm. T. Philipps & Co., Inc.
SEEDSMEN

519-521 Monroe St. Toledo 4, Ohio

Wm. T. Philipps & Co. Inc.

Standard Vegetable Seeds

Asparagus

	Pkt.	Oz.	¼-lb.	Lb.
Mary Washington .....	.10	.20	.45	1.35

Asparagus Roots

Washington..... per hundred, 2.25; per thousand, 20.00

Beans, Bush, Green Podded

	Pkt.	½-lb.	Lb.	10 Lbs.
White Kidney.....	.10	.25	.40	2.25
White Marrow .....	.10	.25	.40	2.25
White Navy .....	.10	.25	.40	2.25
Stringless Green Pod .....	.10	.25	.45	2.60
Giant Stringless Green Pod.....	.10	.25	.45	2.60
Black Valentine, Stringless.....	.10	.25	.45	2.50
Imp. Early Rd. Pod, Red Valentine .....	.10	.25	.45	2.50
Bountiful .....	.10	.25	.45	2.50
Refugee or Thousand to One.....	.10	.25	.45	2.50
Tendergreen .....	.10	.25	.45	2.70
Plentiful .....	.10	.25	.45	2.60
Streamliner .....	.10	.25	.45	3.00

Beans, Bush, Lima

Burpee's Imp. Bush Lima.....	.10	.25	.45	2.90
Fordhook Bush Lima.....	.10	.25	.45	2.90
Henderson's Baby Lima.....	.10	.25	.45	2.50

Beans, Bush, Wax Podded

Wardwell's Kidney Wax.....	.10	.25	.45	2.80
Davis' Kidney Wax.....	.10	.25	.45	2.80
Black Wax Pencil Pod.....	.10	.25	.45	2.80
Golden Wax .....	.10	.25	.45	2.80
Sure Crop Wax.....	.10	.25	.45	2.80
Unrivaled Wax .....	.10	.25	.45	2.80

Beans, Pole

King of the Garden—Extra Large				
White Lima .....	.10	.25	.45	2.80
Kentucky Wonder .....	.10	.25	.45	2.80
Scarlet Runner .....	.10	.25	.45	2.80
Kentucky Wonder Wax.....	.10	.25	.45	2.80

Special Prices on 5 lb. Lots and Over

Beet

	Pkt.	Oz.	1/4-lb.	Lb.
Early Wonder	\$0.10	\$0.25	\$0.75	\$2.00
Crosby's Egyptian, Special.....	.10	.25	.75	2.00
Detroit Dark Red.....	.10	.25	.80	2.00
Swiss Chard10	.25	.70	1.75

Beet, Sugar

Klein Wanzleben Sugar.....	.10	.20	.60	1.60
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Beet, Mangel Wurzel

Mammoth Long Red Jumbo.....	.10	.20	.65	1.75
Golden Tankard10	.20	.65	1.75
Giant Half Sugar Rose.....	.10	.20	.65	1.75

Special Prices on 5 lb. Lots and Over**Broccoli**

Italian Green Sprouting.....	.10	.50	1.50
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Brussels Sprouts

Improved Half Dwarf.....	.10	.75	2.25
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Cabbage

Ex. Early Jersey Wakefield.....	.10	.45	1.20	4.00
Golden Acre10	.55	1.50	5.00
Copenhagen Market.....	.10	.55	1.50	5.00
Drumhead Savoy .....	.10	.70	1.65	5.50
Mammoth Rock Red .....	.10	.80	2.10	7.00
Ball Head, Short Stem Amager.....	.10	.60	1.45	5.00
Late Flat Dutch.....	.10	.50	1.45	5.00
Marion Market Resistant.....	.10	.65	1.65	5.50
Wisconsin All Season, Resistant.....	.10	.55	1.55	5.00
Wisconsin Holland, Resistant.....	.10	.65	1.55	5.50
Bugner, Resistant .....	.10	.90	2.70	9.45
Globe, Enkhuizen Resistant.....	.10	.60	1.65	5.50
Red Hollander, Resistant.....	.10	.95	2.50	8.50
Chinese Chihili .....	.10	.40	1.10	3.00

Carrot

	Pkt.	Oz.	¼-lb.	Lb.
Chantenay, Improved .....	.10	.40	.95	2.35
Danvers Half Long.....	.10	.40	1.00	2.50
Coreless, Nantes Half Long.....	.10	.40	1.10	2.75
Guerande or Ox Heart.....	.10	.40	1.10	2.75
Improved Long Orange.....	.10	.40	1.10	2.75
Imperator .....	.10	.40	1.10	2.75
Morse's Bunching .....	.10	.40	1.10	2.75
Supreme, Half Long.....	.10	.40	1.10	2.75

Special Prices on 5 lb. Lots and Over**Celery**

White Plume .....	.10	.75	2.00	6.00
New Golden Self-Blanching, Short Strain.....	.10	.75	2.25	7.00
New American Golden Self- Blanching, Tall Strain.....	.10	.75	2.25	7.00
Giant Pascal, American grown.....	.10	.75	2.00	6.00
Easy Blanching .....	.10	.75	2.00	6.00
Emperor .....	.10	.75	2.00	6.00
Golden Plume .....	.10	.75	2.00	7.00
Golden Phenomenal .....	.10	.90	2.75	9.00
Utah No. 9910	1.00	3.00	9.00

Celeriac, or Turnip-Rooted Celery

Giant Prague10	.75	2.00	6.00
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Cauliflower

Extra Early Snow Ball.....	.35	3.00
Dry Weather; also known as Danish Giant or Gilt Edge.....	.35	3.00

Chicory

Large Rooted10	.60	1.80
Witloof or French Endive.....	.10	.60	1.80

Collards

True Georgian10	.20	.45	1.25
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Corn, Sweet or Sugar

	Pkt.	½-lb.	Lb.	10 Lbs.
Golden Bantam10	.25	.45	2.60
Bardens Wonder Bantam.....	.10	.25	.45	2.60
Delue's Golden Giant .....	.10	.25	.45	2.60
New Wonder .....	.10	.25	.45	2.60
Black Mexican .....	.10	.25	.45	2.60
Country Gentleman .....	.10	.25	.45	2.60
Stowell's Evergreen .....	.10	.25	.45	2.60
Golden Sunshine .....	.10	.25	.45	2.60
Whipples Early Yellow.....	.10	.25	.45	2.60

HYBRIDS

Golden Treasure .....	.10	.35	.65	4.25
Our Choice .....	.10	.35	.65	4.25
Surprise .....	.10	.35	.65	4.25
Early Sunshine .....	.10	.35	.65	4.25
Golden Cross Bantam.....	.10	.35	.65	4.25
Stowell's Evergreen .....	.10	.35	.65	4.50

Special Prices on 5 lb. Lots and Over

Corn, Pop Corn

Early White Rice.....	.10	.20	.35	2.40
Japanese Hulless10	.20	.35	2.40
South American10	.20	.35	2.40

Cress

Curled or Pepper Grass.....	.10	.50
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Cucumber

	Oz.	¼-lb.	Lb.
Early Green Cluster.....	.10	.25	.65
Extra Long White Spine, very fine	.10	.25	.65
Imp. Long Green.....	.10	.30	.95
West Indian Gherkin .....	.10	.30	.85
Chicago Pickling .....	.10	.25	.65
Boston Pickling .....	.10	.25	.65
New Davis Perfect.....	.10	.25	.65
Early Fortune .....	.10	.25	.65
Longfellow .....	.10	.30	.85
Straight 8 .....	.10	.30	.85
A & C Fine Slicer.....	.10	.30	.85
National Pickling10	.25	.65

Dandelion

Improved Large Leaved.....	.10	.75
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Egg Plant

	Pkt.	Oz.	¼-lb.	Lb.
New York Improved Purple.....	.10	.65	2.00	6.00
Black Beauty10	.65	2.00	6.00

Endive

Green Curled .....	.10	.25	.60	1.75
Broad Leaved.....	.10	.25	.60	1.75
White Curled.....	.10	.25	.60	1.75
Giant Green Fringed.....	.10	.25	.60	1.75

Gourds

Mixed10	.25	.60	
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Kale or Borecole

Siberian.....	.10	.35	1.00
Curled Dwarf Blue.....	.10	.35	1.00

Kohl Rabi

Early White Vienna.....	.10	.50	1.50
Early Purple Vienna.....	.10	.50	1.50

Leek

Large Imp. London Flag.....	.10	.75	2.25	6.50
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Lettuce

Grand Rapids, Select.....	.10	.25	.70	2.00
Grand Rapids, Tip Burn Resistant..	.10	.25	.70	2.00
Iceberg (Head) .....	.10	.25	.70	2.00
Black Seeded Simpson.....	.10	.25	.70	2.00
Prize Head .....	.10	.25	.70	2.00
Early White Seeded Simpson.....	.10	.25	.70	2.00
Big Boston (Head) .....	.10	.25	.70	2.00
May King (Head).....	.10	.25	.70	2.00
Paris Self Folding, Cos.....	.10	.25	.70	2.00
Imperial No. 847.....	.10	.25	1.00	3.40
Chicken .....	.10	.25	.70	2.00
Oak Leaf .....	.15	.50	.....	.....
Great Lakes .....	.25	.65	.....	.....

Special Prices on 5 lb. Lots and Over

Musk Melon

	Pkt.	Oz.	$\frac{1}{4}$ -lb.	Lb.
Tip Top .....	.10	.25	.75	2.25
Extra Early Osage .....	.10	.25	.75	2.25
Hearts of Gold .....	.10	.25	.75	2.40
Bender's Surprise .....	.10	.25	.75	2.40
Milwaukee Market .....	.10	.25	.75	2.40
Honey Rock .....	.10	.25	.75	2.40
Hale's Best .....	.10	.25	.75	2.40
Pride of Wisconsin .....	.10	.25	.75	2.40

Water Melon

Tom Watson .....	.10	.15	.40	1.25
Round Light Icing .....	.10	.15	.40	1.25
Preserving Citron .....	.10	.15	.40	1.25
Kleckley Sweets .....	.10	.15	.40	1.25
Stone Mountain .....	.10	.15	.40	1.25
Dixie Queen .....	.10	.20	.50	1.50
Harris' Earliest .....	.10	.15	.40	1.25

Mustard

White English10	.15	.45	1.25
Fordhook Fancy10	.15	.45	1.25

Okra

Dwarf10	.15	.35	.90
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Onion Sets

		Lb.	Bu.
Yellow Bottom Sets45	-----
White Bottom Sets50	-----
Bushel prices on application.			

Onion

	Pkt.	Oz.	$\frac{1}{4}$ -lb.	Lb.
Yellow Globe Danvers	\$0.10	\$0.60	\$1.75	\$5.50
Southport Yellow Globe .....	.10	.60	1.75	5.50
Southport Red Globe .....	.10	.60	1.75	5.50
Southport White Globe .....	.10	.80	2.25	6.50
White Portugal or Silverskin .....	.10	.80	2.25	6.50
Early Yellow Globe .....	.10	.60	1.75	5.50
Ebenezer .....	.10	.60	1.75	5.00
Riverside Sweet Spanish .....	.10	.80	2.25	7.00
Brigham's Yellow Globe .....	.10	.60	1.75	5.50
Bunching (Hardy White) .....	.10	.60	1.75	6.00

Special Prices on Large Quantities

Parsley

	Pkt.	Oz.	$\frac{1}{4}$ -lb.	Lb.
Champion Moss Curled.....	\$0.10	\$0.20	\$0.50	\$1.50
Extra Double Curled.....	.10	.20	.50	1.50
Plain or Single.....	.10	.20	.50	1.50
Hamburg or Turnip.....	.10	.20	.50	1.50
Paramount.....	.10	.20	.50	1.50
Evergreen.....	.10	.20	.50	1.50

Parsnip

Imp. Hollow Crown.....	.10	.25	.60	1.50
All American .....	.10	.25	.60	1.50

Peas

	Pkt.	$\frac{1}{2}$ -lb.	Lb.	10 Lbs.
Mammoth Pod Ex. Early.....	\$0.10	\$0.25	\$0.45	\$2.40
Ex. Early Alaska Wilt Resistant....	.10	.25	.45	2.00
Nott's Excelsior .....	.10	.25	.45	2.20
Hundredfold .....	.10	.30	.50	2.40
Bliss' American Wonder.....	.10	.25	.45	2.20
Gradus or Prosperity.....	.10	.30	.50	2.30
Laxtonian .....	.10	.30	.50	2.40
Thomas Laxton .....	.10	.30	.50	2.20
McLean's Little Gem.....	.10	.25	.45	2.30
Telephone Improved .....	.10	.30	.50	2.20
Sugar Edible Pod.....	.10	.30	.50	2.60
World Record .....	.10	.30	.50	2.30
Little Marvel .....	.10	.30	.50	2.30
Laxtons Progress .....	.10	.30	.50	2.40

Special Prices on 5 lb. Lots and Over

Pepper

	Pkt.	Oz.	$\frac{1}{4}$ -lb.	Lb.
Long Red Cayenne .....	.10	.60	1.75	5.50
Golden Queen.....	.10	.60	1.75	5.50
Sunnybrook Pimento .....	.10	.65	1.75	6.00
California Wonder .....	.10	.75	2.50	7.50
Yellow Hungarian .....	.10	.65	2.00	6.50
World Beater .....	.10	.65	2.00	6.50
King of the North.....	.10	.65	2.00	6.50
Oakview Wonder .....	.10	.80	2.50	7.50

Potatoes

Early Irish Cobbler.....	}	(Ask for prices; state variety and quantity)
Early Ohio.....		
Russet Rural or Petoskey.....		

Pumpkin

	Pkt.	Oz.	$\frac{1}{4}$ -lb.	Lb.
Large Sweet Cheese.....	\$0.10	\$0.15	\$0.50	\$1.35
Connecticut Field.....	.10	.15	.50	1.35
Sugar or Pie.....	.10	.15	.50	1.35

Radish

Early Scarlet Globe .....	.10	.15	.40	1.00
Early Scarlet Turnip White Tip.....	.10	.15	.40	1.00
French Breakfast .....	.10	.15	.40	1.00
Early Long Scarlet .....	.10	.15	.40	1.00
Cincinnati Market .....	.10	.15	.40	1.00
Long White Lady Finger or Vienna	.10	.15	.40	1.00
Crimson Giant .....	.10	.15	.40	1.00
Icicle .....	.10	.15	.40	1.00
White Strasburg .....	.10	.15	.45	1.10
Celestial .....	.10	.15	.45	1.10
Long Black Spanish .....	.10	.15	.45	1.10
Rose Scarlet China Winter .....	.10	.15	.45	1.10
Giant White Summer.....	.10	.15	.45	1.10
Round Black Spanish .....	.10	.15	.45	1.10

Special Prices on 5 lb. Lots and Over**Ruta Baga**

Imp. American Swede.....	.10	.20	.50	1.40
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Rhubarb

Victoria10	.20	.60	1.50
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Salsify

Mammoth Sandwich Island.....	.10	.25	.65	1.75
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Squash

Hubbard Warted10	.25	.75	2.25
Mammoth White Bush.....	.10	.20	.65	1.75
Ex. Large Golden Bush.....	.10	.20	.65	1.75
Giant Summer Crookneck.....	.10	.20	.65	1.75
Delicious .....	.10	.25	.75	2.25
Boston Marrow .....	.10	.20	.65	1.75
Italian (Cocozella) .....	.10	.20	.60	1.75
Blue Hubbard .....	.10	.25	.75	2.25
Table Queen or Acorn.....	.10	.20	.65	1.75
Table Queen, Large.....	.10	.25	.70	2.00

Special Prices on 5 lb. Lots and Over

Spinach

	Pkt.	Oz.	¼-lb.	Lb.
New Zealand .....	.10	.35	.90	2.50
Virginia Savoy Yellow Resistant.....	.10	.15	.30	.75
Long Standing Bloomsdale.....	.10	.15	.30	.75

Special Prices on Large Quantities**Tomato**

Break O'Day	\$0.10	\$0.60	\$1.65	\$5.50
Spark's Earliana .....	.10	.75	2.50	7.00
Bonny Best .....	.10	.60	1.65	5.50
Marglobe, Certified .....	.10	.50	1.50	4.50
John Baer, Certified.....	.10	.60	1.75	5.25
Livingston's Globe .....	.10	.60	1.90	6.00
New Dwarf Champion.....	.10	.65	2.00	7.00
Greater Baltimore.....	.10	.50	1.50	5.00
Stone Selected .....	.10	.60	2.00	6.00
Ponderosa .....	.10	.85	2.50	.....
Oxheart .....	.10	1.25	4.00	.....
Yellow Plum .....	.10	.50	1.50	.....
Golden Queen .....	.10	.50	1.35	.....
Pritchard, Certified.....	.10	.65	1.85	5.25
Bonny Best, Certified.....	.10	.65	1.90	6.00
Greater Baltimore, Certified.....	.10	.60	1.65	5.25
Stokesdale .....	.10	.75	2.25	7.00
Valient .....	.10	.75	2.25	7.00
Rutgers—Certified .....	.10	.65	1.70	5.50
Indiana Baltimore10	.60	1.60	5.00
Victor15	.90	2.70

Tobacco

Connecticut Seed Leaf.....	.10	.80
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Turnip

Early Flat Red or Purple Top.....	.10	.15	.35	1.00
Purple Top White Globe.....	.10	.15	.35	.95
Early White Egg.....	.10	.15	.35	1.00
Yellow Aberdeen.....	.10	.15	.35	1.00
Snowball.....	.10	.15	.35	1.00
Golden Ball.....	.10	.15	.35	1.00
Long White Cow Horn.....	.10	.15	.35	1.00
Foliage .....	.10	.15	.35	1.00

BIRD SEED

Seeds below are for feeding, not for planting.
Prices not prepaid.

	Lb.
Hemp	\$0.35
Rape .....	.25
Millet .....	.15
Canary Mixed .....	.30
Sunflower .....	.30

Sweet Herbs

	Pkt.	Oz.	1/4-lb.	Lb.
Anise	\$0.10	\$0.45	\$. . .	\$. . .
Balm	.10	.65	.....	.....
Basil	.10	.65	.....	.....
Borage	.10	.60	.....	.....
Caraway	.10	.50	.....	.....
Catnip	.10	1.00	.....	.....
Chervil	.10	.50	.....	.....
Coriander	.10	.65	.....	.....
Dill	.10	.25	.65	1.75
Fennell	.10	.35	.....	.....
Horehound	.10	.50	.....	.....
Lavender	.10	3.00	.....	.....
Marjoram, Sweet	.10	.75	.....	.....
Rosemary	.10	.90	.....	.....
Rue	.10	1.25	.....	.....
Sage	.10	2.75	.....	.....
Saffron	.10	.75	.....	.....
Summer Savory	.10	.85	.....	.....
Garden Sorrel	.10	1.00	.....	.....
Wormwood	.10	1.50	.....	.....
Thyme	.10	1.50	.....	.....

Standard Flower Seeds

Aster

	Pkt.	Oz.
Good, Double Mixed, Wilt Resistant	\$0.10	\$1.25
Queen of the Market, White Wilt Resistant	.10	1.75
Queen of the Market, Shell Pink Wilt Resistant	.10	1.75
Queen of the Market, Dark Blue Wilt Resistant	.10	1.75
Giant Comet, Deep Rose, Wilt Resistant	.10	1.75
Giant Comet, Purple, Wilt Resistant	.10	1.75
Giant Comet, Mixed, Wilt Resistant	.10	1.75
American Branching, White, Wilt Resistant	.10	1.75
American Branching, Shell Pink, Wilt Resistant	.10	1.75
American Branching, Light Blue, Wilt Resistant	.10	1.75
American Branching, Deep Rose, Wilt Resistant	.10	1.75
American Branching, Purple, Wilt Resistant	.10	1.75
American Branching, Mixed, Wilt Resistant	.10	1.75
Heart of France, Bright Crimson W. Resistant	.15	2.50

Acroclinium, Double Mixed..... .10 .40

Ageratum, Blue Ball..... .10 1.80
Perfection10 1.50

Alyssum

Sweet Alyssum	.10	.60
Little Gem, Dwarf	.10	1.40

	Pkt.	Oz.
Antirrhinum (Snapdragon)		
Scarlet	\$0.10	\$2.00
Pink .....	.10	2.00
Yellow .....	.10	2.00
White .....	.10	2.00
Tall Mixed .....	.10	1.40
Dwarf Mixed .....	.10	1.40
Rust Proof, U. of Cal. Mixture .....	.15	2.50
Balloon Vine.....	.10	.20
Balsam		
Double White .....	.10	.75
Double Scarlet .....	.10	.75
Double Mixed .....	.10	.60
Calendula, Mixed.....	.10	.55
Calendula, Campfire Improved Florist Strain.....	.15	1.25
Calliopsis, Dwarf Mixed.....	.10	.40
Calliopsis, Tinctoria Tall Mixed.....	.10	.40
Coreopsis, California Sunbeam.....	.10	.75
Candytuft		
Giant White Hyacinth Flowered.....	.10	.75
Mixed .....	.10	.55
Canterbury Bells		
Single .....	.10	.60
Double .....	.10	1.50
Cup and Saucer, Mixed .....	.10	1.50
Carnation		
Marguerite, Mixed .....	.10	2.00
Celosia		
Cristata (Cockscomb), Mixed.....	.10	1.00
Childsii (Chinese Woolflower), Crimson.....	.10	1.50
Centaurea Cyanus (Bachelor's Button)		
Double Blue.....	.10	.45
Double Mixed.....	.10	.45
Centaurea Imperialis (Royal Sweet Sultan), Mixed.....	.10	.65
Columbine		
Single Mixed .....	.10	1.00
Double Mixed .....	.10	2.00
Long Spurred, Mixed .....	.20	3.25
Cosmos		
Giant Mixed .....	.10	.45
Early Flowering .....	.10	.45
Early Double Crested, Mixed .....	.15	1.50
Klondyke Orange Flare.....	.10	.85
Clarkia		
Double and Single Mixed.....	.10	1.00

	Pkt.	Oz.
Cypress Vine.....	.10	.30
Dahlia		
Double From Named Varieties.....	.15	1.50
Single Dwarf Giant Flowered.....	.15	3.00
Daisy		
Shasta, Alaska .....	.10	2.00
Swan River, Mixed.....	.10	1.25
Double Mixed .....	.10	2.00
African Mixed .....	.10	1.00
Arctotis Grandis .....	.10	1.00
Arctotis Hybrids .....	.25	5.00
Dianthus (China Pinks)		
Single Mixed .....	.10	.90
Double Mixed.....	.10	1.00
Didiscus, Blue Lace Flower.....	.10	1.00
Digitalis (Foxglove), Mixed.....	.10	1.25
Delphinium		
Hardy Larkspur Finest Mixed.....	.10	1.00
Hollyhock Strain.....	.25	6.00
Wrexham Strain .....	.25	5.00
Blackmore and Langdon Strain.....	.25	5.00
Pacific Giants, Mixed.....	.50	12.00
Eschscholtzia (California Poppy), Orange.....	.10	.60
Euphorbia, Snow on the Mountain.....	.10	1.00
Forget-Me-Not		
Alpestris Royal Blue.....	.10	2.40
Mixed .....	.10	1.75
Four o'Clock, Mixed.....	.10	.25
Gaillardia		
Single Mixed.....	.10	.60
Perennial, Mixed .....	.10	1.25
Geum, Mrs. Bradshaw Scarlet.....	.15	2.00
Lady Stratheden Yellow .....	.15	2.25
Gomphrena (Globe Amaranth), Mixed.....	.10	.60
Gypsophila		
Elegans Grandiflora Alba .....	.10	.35
Paniculata Alba, Perennial .....	.10	.50
Paniculata Alba, Per Double.....	.15	5.00
Helianthus (Sunflower).....	.10	.75
Helichrysum		
Crimson .....	.10	1.00
Rosecarmine .....	.10	1.00
Salmon Queen.....	.10	1.00
Double Mixed.....	.10	1.00
Hollyhock		
Double Mixed.....	.10	2.00
Single Mixed .....	.10	.90
Hyacinth Bean, Mixed.....	.10	.20
Kochia Childsii, Summer Cypress .....	.10	.30
Kudzu Vine .....	.10	.50
Larkspur, Double Mixed.....	.10	1.00
Lathyrus Latifolius (Hardy Sweet Peas).....	.15	1.00
Lupinus, Mixed.....	.10	.60

	Pkt.	Oz.
Marigold		
African Double Mixed .....	.10	.90
French Double Mixed .....	.10	.90
Orange Queen .....	.10	1.60
Lemon Queen .....	.10	1.60
Harmony .....	.10	.80
Yellow Supreme .....	.10	1.15
Guinea Gold, .....	.10	1.00
Tagates Little Gem .....	.10	1.00
Sunset Giants .....	.15	1.60
Mignonette, Sweet .....	.10	.70
Moonflower (Ipomea Noctiflora), Black Seed .....	.10	.40
Morning Glory		
Convolvulus Major, Mixed .....	.10	.30
Heavenly Blue .....	.10	1.25
Scarlett O'Hara .....	.10	1.50
Nasturtium		
Dwarf Mixed, $\frac{1}{4}$ Lb. \$0.60 .....	.10	.25
Tall Mixed, $\frac{1}{4}$ Lb. \$0.60 .....	.10	.25
Golden Gleam .....	.10	.25
Gem Dwarf Mixture .....	.10	.25
Nicotiana (Flowering Tobacco) .....	.10	.75
Nigella (Love-In-A-Mist) .....	.10	.35
Pansy		
Good Mixed .....	.15	7.00
Mapleleaf .....	.30	9.00
Riggoli Swiss Giants .....	.35	10.00
Petunia Hybrid, Mixed .....	.10	1.75
Balcony Rose .....	.15	5.00
Balcony Deep Blue .....	.15	5.00
Dwarf Giants of California .....	.50	70.00
Rosy Morn Dwarf .....	.15	4.00
Flaming Velvet, Giant .....	.35	50.00
Heavenly Blue .....	.15	4.00
Snow Queen, Giant .....	.35	50.00
Phlox Drummondi		
Fine Mixed .....	.25	3.75
Poppy		
Double Mixed .....	.10	.60
Shirley Mixed .....	.10	.60
Single Mixed .....	.10	.60
Oriental Scarlet .....	.25	3.00
Iceland, Single Mixed .....	.25	3.00
Portulaca		
Mixed .....	.10	2.50
Double Mixed .....	.20	2.50
Pyrethrum, Mixed .....	.25	4.50
Ricinus (Castor Oil Beans), Mixed .....	.10	.30
Salpiglossis, Finest Mixed .....	.10	1.25
Salvia, Fireball .....	.25	5.00
Scabiosa (Morning Bride), All Colors Mixed .....	.10	1.00

Statice, Choice Mixed..... .10 .60
 Latifolia15 2.25

Stocks, Mixed..... .15 2.00
 Mammoth Early Branching, "Nice"..... .25 2.50

Sweet Peas, Spencer Varieties Pkt. Oz. $\frac{1}{4}$ -lb. Lb.
 Ambition, Lavender \$0.10 \$0.25 \$.90 \$3.00
 Avalanche, White10 .25 .90 3.00
 Pinkie, Good pink..... .10 .25 .90 3.00
 Red Boy, Rich crimson..... .10 .25 .90 3.00
 Superb Spencer Mixed..... .10 .25 .75 2.75

Sweet William Pkt. Oz.
 Single Mixed..... .10 1.50
 Double Mixed10 2.00

Thunbergia, Finest Mixed..... .10 1.00

Verbena, Mixed10 2.50

Venidium Fastuosum, Veldt Daisy..... .20 4.00

Wild Flower Garden..... .10 .40

Wild Cucumber10 .15

Zinnia
 Dwarf Double Mixed..... .10 .60
 Tall Double Mixed..... .10 .60
 Giant Dahlia, Flowering Mixed..... .10 1.00
 Double Giant, Bright Rose10 1.00
 Double Giant, Orange and Gold..... .10 1.00
 Double Giant, Scarlet10 1.00
 Lilliput, Rosebud, Crimson and Golden Gem..... .10 1.00
 Lilliput, Mixed10 1.00
 Scabiosa Flowered, Mixed10 1.00

Summer Flowering Bulbs
 Caladium Esculentum.....
 Cannas
 Dahlia
 Gladiolas, Mixed.....
 Maderia Vine Root.....
 Tuberoses

Field Corn. (Ask for price; state variety and quantity.)

Early Orange Yellow Dent.....
 Improved Leaming.....
 White Cap Early Yellow Dent.....
 Red Cob Ensilage.....
 Hybrid Corn, Iowa 939 and K23.....

Farm, Grass and Clover Seeds. (Ask for prices; state variety and quantity.)

Timothy	Dwarf Essex Rape.....
Hungarian	Field Peas.....
Millet	Alsike Clover
Barley	Alfalfa or Lucerne Clover
Buckwheat	Red Clover

Lawn Grass Seed

Our Fancy Park, Philipps Special and Shady Nook Lawn Grass Mixtures that are so popular with the landscape gardeners are composed of the very best and cleanest grass seed obtainable, no chaff or filler being used. And while the cost per pound may be greater, the cost per lawn will be smaller, as heavy sound, clean seed mixtures of good germination will go much farther than seed that runs thirty to fifty per cent chaff. And in using our grasses you are assured of the minimum amount of weeds, and the maximum in lawn perfection.

Fancy Park Lawn Grass. This splendid mixture produces beautiful, permanent lawns. It is composed of grasses which are adapted for the purpose of producing turf that retains its rich, green color throughout the entire summer. In making up this brand we are careful to use only fancy, recleaned seed. Per lb. 55c; 5 lb. \$2.50.

Philipps Special Lawn Grass. This is a first-class mixture that will quickly give a thick, green sod. It is composed of good, clean seed and will be found well adapted for general lawn purposes. Per lb. 50c; 5 lb. \$2.25.

Shady Nook Lawn Grass. For obtaining a satisfactory growth of grass under trees and in other shady places this mixture, which contains a variety of strong-rooted grasses, is most suitable. Per lb. 65c; 5 lb. \$3.00.

White Clover. Excellent for lawns when mixed with other grasses. Does not stand dry, hot weather well, but tends to keep crab grass in check. Lb. \$1.10; 10 lb. \$10.00.

Kentucky Blue Grass. Used more for lawns than any other grass. It is slow to start, however, and should be mixed with other quick-growing dwarf grasses. Does best on lime-stone soils, well enriched. Dark green in color; forms a close, thick turf and is very hardy. Heavy, fine, clean seed. Lb. 50c; 10 lb. \$4.50.

Red Top. One of the Bent grasses. Used on golf courses and in all good lawn mixtures. Does well in wet places and under unfavorable conditions. Is drought-resistant. Lb. 45c; 10 lb. \$3.75.

Domestic Rye Grass. Makes a quick growth but does not make a permanent lawn. Should be used in mixture with hardy grasses as a nurse. Valuable where quick results are desired. Lb. 30c; 10 lb. \$2.50.

Creeping Red Fescue. A valuable grass, used in most good mixtures. Especially good in shady places. Lb. \$1.00; 10 lb. \$9.25.

Seaside Bent. Extensively used on putting greens and for mixing with other grasses. Lb. \$1.35; 10 lbs. \$12.50.

SPECIAL QUOTATIONS. — We are always pleased to quote special prices to parks, institutions, golf clubs, and others who require Lawn Grass Seed in large quantities. Prices subject to market change.

HYBRID TEA ROSES

Ami Quinard, Dark Red
 Betty Uprichard, Pink
 Betty G. Clark, Pink
 Countess De Sastago, Two-tone
 Editor McFarland, Pink
 Etoile De Holland, Red
 Hadley, Red
 Jean Bostick, Yellow
 Luxembourg, Yellow
 Mme. Jules Bouche, White
 Poinsetta, Red
 President Hoover, Two-tone
 Rouge Mallerin, Red
 Roslyn, Yellow
 Talisman, Two-tone

CLIMBING ROSES

Red Radiance, Red
 Dorothy Perkins, Pink
 Each 90c — Dozen \$8.50

PATENTED ROSES

Countess Vandal, H.T.	Salmon
Gold	\$1.50
Eclipse, H.T.	Yellow
Gr. Dutchess Charlotte,	
H.T. Red	\$1.75
World's Fair, Red	Floribunda
New Dawn, Pink	Climber
	\$1.90

FLOWERING SHRUBS

Almond, Pink
Althea, Red
Beauty Bush, Pink
Hydrangea, P.G.
Quince, Red
Lilac, Red, Purple, White
Wigelia Rosea

Each \$1.25

**SPECIAL BALANCED
ROSE FOOD**

An organic all purpose fertilizer that can also be used on flowers and shrubbery. Price, 5 lbs., 75c; 10 lbs., \$1.35.

BONE MEAL

A fine grade used extensively in rose gardens. 5 lbs., 45c; 10 lbs., 75c; 25 lbs., \$1.25.

***Complete Protection
for ROSES*****TRI-OGEN**

The all-purpose spray

This complete Rose Garden Spray Treatment—Tri-ogen—offers the first definite mildew and black spot control combined with an insecticide. It kills all insects, including the sucking and leaf-eating types. It remains on foliage, repelling subsequent attacks.

Tri-ogen also stimulates plant growth, resulting in fine foliage and luxuriant blooms.

In four sizes:

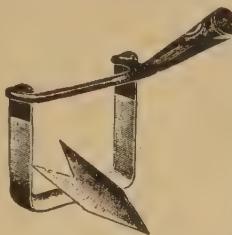
A. Small Kit (makes 16 quarts).....	\$1.50
B. Medium Kit (makes 64 quarts)....	4.00
C. Large Kit (makes 32 gallons).....	6.00
D. Estate Kit (makes 128 gallons)....	20.00

GARDEX SOIL FLOW TOOLS

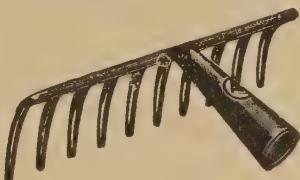
No. 110 PULL HOE WEEDERS

Width, 5 in.....\$1.50

Two Shares,
8½ in. 2.10

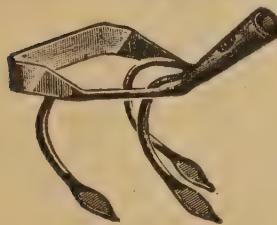


No. 251 CURVED TOOTH RAKE



14 Teeth \$1.00

No. 1523 CULTIVATOR WITH WEEDER



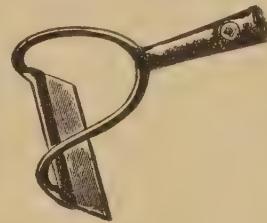
Width, 4 in.

Price \$1.25

No. 120 BOW PULL HOE

Width, 7 in.

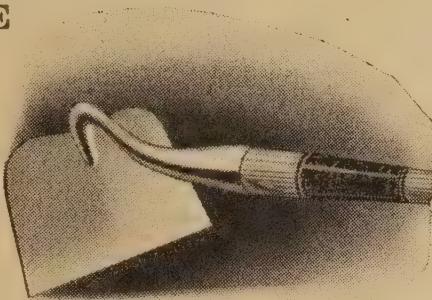
Price \$1.30



No. 960½ GARDEN AND FIELD HOE

Width, 6½ in.

Price \$.75



DIBBLE



No. 751 \$.85

No. 750 (Hollow)80

TREE REMEDIES AND SUPPLIES

KOPPER SHIELD PRUNING PAINT. Seals wounds on trees and shrubs. Quart, 75c; Gallon, \$2.35.

TREE TANGLEFOOT. Safeguard against climbing worms and insects. 6 oz., 35c; 1 lb., 70c; 5 lbs., \$3.25.

PARADICHLORABENZINE. Peach tree borer control. 1 lb., 50c; 5 lbs., \$2.25.



LEGUME-AID. An inoculant for Sweet Peas, Lupines, Garden Peas and Beans. Garden size to inoculate up to 5 lbs. of seed, 10c. Market gardeners size, to inoculate 120 lbs., 50c.

INSECTICIDES AND FUNGICIDES



*The Antrol system is adapted to any size house or garden and quickly destroys all species of sweet eating insects. It is composed of small glass containers and a special formula of syrup. Antrol sets containing 4 containers and one 4-oz. bottle of syrup 75c; Antrol extra containers, 15c each; Antrol syrup, 4-oz. bottle, 35c; 85c per pt.



***ARSENATE OF LEAD (Powdered).** 1 lb. to 1½ lbs. dilutes to 50 gals. of water or may be used dry like Paris Green. Per ½ lb., 20c; 35c per lb.; 4 lbs. 85c.

***BLACK LEAF 40.** Per 1 oz. bottle, 36c; \$1.05 per 5 oz.; 1 lb. \$2.50; 2 lbs. \$3.70; 5 lbs., \$6.90; \$11.65 per 10 lbs.

***BORDEAUX MIXTURE (Powder).** 12½% copper mixture, for spraying purposes. 35c per lb.; 4 lbs. 85c.

***CYANOGAS. (Calcium Cyanide).** A valuable insecticide for greenhouse fumigation, for destroying aphis, white fly, soft scale, thrips, etc. It is scattered along the walks, and the house closed for the night. Per lb., 75c; 3.00 per 5 lbs.; 25 lbs., \$10.00. Descriptive circular free.

***PYROX (Bowker's).** A combined insecticide and fungicide for all leaf eating insects, blights and fungous troubles; it is a pasty substance and needs only to be mixed with cold water. Per lb., 50c; \$1.75 per 5 lbs.

EVERGREEN INSECTICIDE. A non-poisonous insecticide, recommended for killing a wide variety of insects on plants and flowers. Per 1 oz., 35c; \$1.00 per 6 ozs.; 16 ozs. \$2.15.

SOHIO EARWORM OIL. Used to control ear worms in sweet corn. 8 ozs., 29c.

***LIME SULPHUR.** For scale insects on trees and shrubs, and such fungous diseases as can be treated in winter or early spring also for leaf curl of peaches. ½ bbl. (30 gals.), \$7.50; \$10.00 per bbl. (50 gals.).

LIME SULPHUR (Dry Powder Form). Dilute 1 lb. to 6 gals. of hot or cold water. Per lb., 35c; \$1.45 per 5 lbs.; 12½ lbs., \$2.25.

***NICO FUME (Liquid).** For use as a spray or vapor, for controlling green fly, aphis, etc., in greenhouses and outdoors. Per ¼ lb., 75c; \$2.45 per lb., 4 lbs., \$6.55; \$11.25 per 8 lbs.

***NICO FUME PRESSURE FUMIGATORS.** A tobacco powder highly charged with nicotine; splendid for fumigating greenhouses. Per lb. can, 75c; 12 cans, \$7.40; ½ lb. can, 45c; 12 cans, \$4.45.

HAMMOND'S B-B DUST. Use either as a dust or spray to control Mexican Bean Beatle and many other insects. 4 lb. package, 90c.

KALITE. A rotenone dust for vegetables. 1 lb. duster bag, 35c, 4 lbs. 75c.

RED ARROW. A non-poisonous spray for both sucking and chewing insects. 1 oz., 35c; 5 oz., \$1.00; 1 pint, \$2.85.

INSECTICIDES AND FUNGICIDES

PARA DICHLOROBENZINE. For peach tree borers; full directions on each package. Can be used successfully only during August and September, the makers claim it is not effective if used at other seasons. Do not use on very young trees. Ask for descriptive circular. Per 1 lb. can, 50c.

***PARIS GREEN.** A poisonous powder for potato bugs, worms, caterpillars, slugs, etc. It may be used in liquid form 1 pound in 50 gallons of water, or with Land Plaster at the rate of 1 pound of Paris Green to 100 pounds Land Plaster. Per $\frac{1}{4}$ lb., 20c; 30c per $\frac{1}{2}$ lb.; lb., 55c; \$2.50 per 5 lbs.

***SEMESAN (DuBay).** A mercuric disinfectant for the control of many seed, plant and soil diseases. One ounce treats 15 lbs. of seed. Per 2 oz., 40c; \$2.50 per lb.; 5 lbs., \$11.40; \$52.50 per 25 lbs.; 100 lbs., \$198.00.

***SEMESAN BEL (DuBay).** For treating seed potatoes before planting, controlling seed-borne diseases. 1 lb. treats 70 to 80 bushels of seed. 2 oz., 30c; \$1.65 per lb.; 5 lbs., \$7.15; \$33.25 per 25 lbs.; 100 lbs., \$125.00.

***SEMESAN JR. (DuBay).** For controlling seed-borne diseases of seed field and sweet corn; protects the seed from rotting in the ground. Per $\frac{1}{2}$ oz., 15c; 75c per lb.; 5 lbs., \$3.00.

***NEW IMPROVED CERESAN (DuBay).** For treating the seed of small grains, such as barley, oats, wheat, or rye against destructive grain diseases. 2 to 3 ounces are required for one bushel of seed. 4 oz., 30c; 80c per lb.; 5 lbs., \$3.40; 25 lbs., \$15.00.

***SUNOCO SPRAY OIL.** For the control of scale insects, red spider, aphis, thrip, etc.; cheap, effective and pleasant to handle. Per gal., \$1.25; \$21.75 per 55 gals. Returnable steel drums, \$4.00.

***VOLCK.** A spray for the garden, nursery and greenhouse; effectively controls red spider, mites, white flies, scales, mealy bugs, caterpillars, aphis, thrip, etc.; not only kills the insects but also acts as a repellent. Per $\frac{1}{2}$ pint, 35c; 55c per pint; quart, 80c; \$2.50 per gal.; 5 gals., \$7.50.

Garden Volck, pint, 95c; quart, \$1.45.

GO WEST. An insecticide bait to combat snails, cutworms, sow bugs and grasshoppers. Price, 1 lb., 40c; 10 lbs., \$2.25.

SULPHUR. Used principally in greenhouses for checking mildew. It is also used as a preventative and cure for San Jose Scale, when it is used in connection with lime and salt. Per lb., 15c.

POMO-GREEN. The leaf-green dust; protects roses and other flowering plants against insects and fungous diseases, without making the treatment conspicuous. Per 1 lb. can, 50c; \$1.75 per 5 lb. carton. With Nicotine, per lb. 75c.; \$3.00 per 5 lbs.

SLUG SHOT, HAMMOND'S. One of the best insecticides for vegetables in use. Price, 1 lb., 30c; 5 lb. pkgs., \$1.20.

GRAPE DUST. Excellent for the prevention and destruction of mildew on plants. 1 lb., 35c; 5 lbs., \$1.25.



Health and Beauty Follow Lōma

Apply this scientific, highly efficient Plant Food and your lawns, flowers, shrubs and trees will "blossom out" in new health and beauty. Lōma contains all of the element hungry plants need. Why compromise with quality? Try Lōma this year. See the difference! Use 4-lbs. to 100 square feet.

LOMA (5-10-5) ALL PURPOSE PLANT FOOD

10 lbs., 85c; 25 lbs., \$1.50; 50 lbs., \$2.50; 100 lbs., \$4.00

LOMA VICTORY GARDEN FERTILIZER (4-12-4)

10 lbs., 80c; 25 lbs., \$1.45; 50 lbs., \$2.35; 100 lbs., \$3.70

SALEM FERTILIZER SPREADERS

Will also apply grass seed and similar dry materials at various adjustable rates.

Width	Capacity	Price
16-inch	16 Lb.	\$ 3.50
20-inch	30 Lb.	\$ 7.45
30-inch	80 Lb.	\$14.95



for
Everything Green that Grows

Lōma
Plant Food

FERTILIZERS

All prices on Fertilizers subject to market changes.

SHEEP MANURE

Apply 1000 lbs. per acre. One of the most extensively used of animal manures. The analysis shows it to be a perfectly balanced plant food. For garden, lawn or greenhouse use, nothing surpasses sheep manure; it is clean and easily handled, besides giving immediate results. 35c per 5 lbs.; 10 lbs., 60c; \$1.15 per 25 lbs.; 50 lbs., \$1.75.

FULTONS PLANTABS. Odorless fertilizer in tablet form including vitamin B1. 30 tablets, 25c; 75 tablets, 50c; 200 tablets, \$1.00.

VITAMONE. A liquid plant food and Vitamin B-1. 2 ozs., 25c; 4 ozs., 50c; 12 ozs., \$1.00.

STIM U PLANT TABLETS PLUS VITAMIN B-1. A well balanced plant food. 30 tablets, 30c; 100 tablets, \$1.00.

STALEYMODE. A new plant growth substance. 1 oz., 25c; 8 ozs., 50c; 1 lb., \$1.00.

ROOTONE. Plant hormone powder, easy to use. $\frac{1}{4}$ oz., 25c; 2 ozs., \$1.00; 1 lb., \$5.00.

TRANSPLANTONE. Stimulates root growth in plants, shrubs and trees. 3 oz., \$1.00.

ALUMINUM SULPHATE. For creating an acid condition in the soil. 1 lb., 15c; 5 lbs., 60c; 10 lbs., 80c; 25 lbs., \$1.50; 100 lbs., \$4.00.

CATTLE MANURE. Shredded and dried and therefore considerably more concentrated than as it comes from the stable. 50 lbs., \$1.75.

ADCO. A bacterial food for making artificial manure, by mixing it with leaves, grass cuttings, green weeds or, in fact all the many wastes that accumulate during the garden year and applying water, the product is a clean manure. 25 lb. bag, sufficient to make one-half ton of manure, \$2.00; \$10.50 per 150 lb. bag, sufficient to make 3 tons of manure.

PEAT MOSS is successfully used

For general improvements of soil conditions.

For greenhouse benches and seed beds.

For potted plants.

For bulb storage, also tubers over dormant season.

For mulching flower beds, shrubs, evergreens, etc.

For preparing lawns and keeping them in good condition, etc.
Half bale, \$2.75.

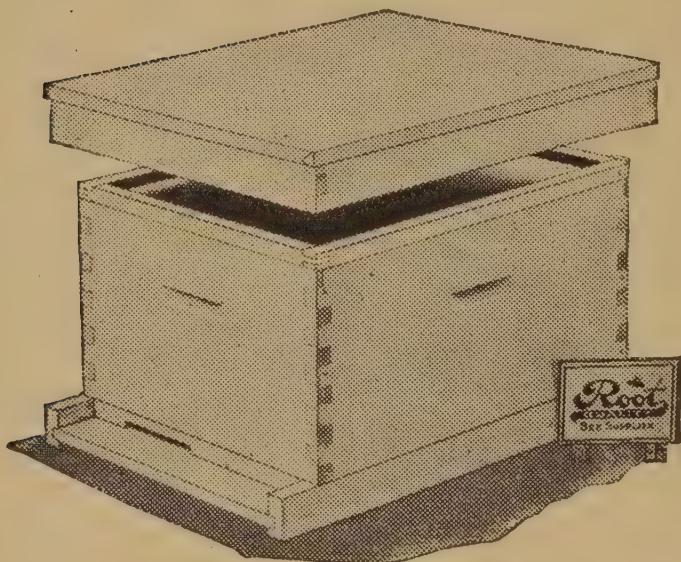
ZOTOX

CRAB GRASS KILLER

8 oz. Bottle.....	\$1.00
16 oz. Bottle.....	1.50
32 oz. Bottle.....	2.50
5 lb. Bottle.....	4.50

Use 8 oz. Zotox to 5 gallons water for each 1000 sq. ft.

Bee Keepers' Supplies



HARCO GARDEN SPRAY. By a squeeze on the handle a fine spray is produced, sprays up, down or sideways without adjustment. Each \$2.35.

HAYES-ETTE SPRAYER. Attach to the garden hose, operates on 20 to 150 pounds water pressure. Basis 1½ gallons. Each \$2.95.

HAYES 25 TO 1 PROPORTIONER. For applying soluble fertilizer through the garden hose. Each \$1.95.

TWIST-EMS. The new handy plant tie, permanent, attractive, so constructed as to prevent stems from injury. 250 7-inch, 50c. Quantity prices for large users.

We expect to have the Hudson Hand and Compressed Air Sprayers in limited quantities, but due to government restrictions on materials we do not know what sizes and styles we will receive from the manufacturer. Consequently we are unable to quote prices at the present time.

ANT, MOLE, RAT CONTROLS AND DOG REPELLENTS

ANT X. Ant poison in jelly form. Per tube, 35c.

ANTROL POWDER. Can be used inside or out. 1½ Oz., 25c.

TERRO ANT LIQUID. The old favorite. 1¼ Oz., 25c; 3 Ozs., 50c.

K.R.O. RED SQUILL RAT POISON. 4 Ozs., Squill 75c; 4 Ozs., ready mixed, 35c.

TERRO RED SQUILL RAT POISON. Per box, 50c.

TUBULAR RODENT DESTROYER. The ignited tube inserted into the runways destroys either rats or moles. Each 10c; Dozen \$1.00.

MOLOGEN. Powdered mole killer. ½ lb. can 50c.

MOLE-NOTS. An effective mole killer. Trial size 35c; Estate size (50) \$1.00.

RAT-NOTS. Safe and effective red squill bait. Each 25c.

DOG CHECK. The ideal repellent to check dog habits. 3 Ozs., 60c; 8 Ozs., \$1.00.

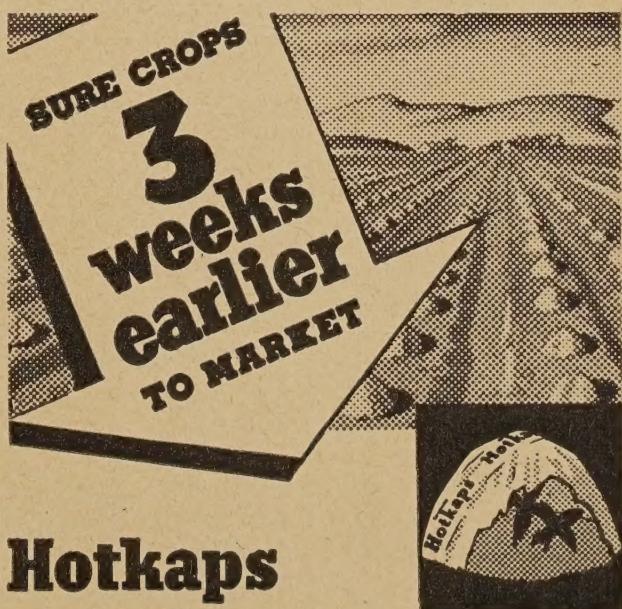
FUME-OGEN. Scientific dog and ant repellent. Per can, 50c.

DOGZOFF....The original dog repellent. Each, 60c.

HOTKAPS

New Method of Plant Protection

Protects plants from frost and other elements, matures crops earlier, keeps insects out, keeps soil soft. They are made of a specially prepared waxed paper and are cone-like in shape, measuring about 11 inches in diameter at the base and coming to a point at the top. When placed over the plants and held firmly in place by the soil around it, Hotkaps become individual miniature hot-houses.



Prices: 1,000 lots, \$11.00; 5,000 lots, \$10.75 per M; 10,000 lots, \$10.50 per M; 250 Trial Package including Garden Setter with Tamper, \$3.50; 100 Home Package, including Garden Setter with Tamper, \$1.95; Germaco Hotkap Steel Setter with Tamper, \$1.60. Package of 25 and setter 50c.

Planting Table—Vegetables Seeded Directly in the Garden

Vegetables	When to Plant	Depth in Inches	Seed per 100 Feet	Days to Matur- ity	Planting Distances, In.	
					In the Row	Be- tween Rows
Asparagus, plants...	April	6-8	60 crowns	730	20	
Beans, bush snap...	May 15 to Aug. 1	1/2-2	1 lb.	40-60	3	24
Beans, green shell...	May 15 to July 1	1/2-2	1 1/2 lbs.	60-100	3	24
Beans, dry shell...	May 15 to June 1	1/2-2	1 lb.	90-100	3	24
Beans, bush lima ...	May 20 to June 10	1/2-2	1 lb.	60-75	6	24
Beans, pole snap...	May 15 to June 1	1/2-2	1/2 lb.	50-75	24	36
Beans, pole lima...	May 20 to June 1	1/2-2	3/4 lb.	70-100	24	36
Beets	April 1 to Aug. 1	1/2-1	2 oz.	50-70	3	18
Broccoli	April 1	1/4	1/4 oz.	80	18	24
Brussels sprouts	April 1	1/4	1/4 oz.	120	20	24
Cabbage, Chinese	August 1	1/4	1 oz.	80-90	15	24
Carrots	April 1 to July 15	1/4-1/2	1 oz.	55-75	3	18
Chard, Swiss	April 1 to April 10	1/2-1	1 oz.	50-60	8	24
Collards	April 1 to Aug. 1	1/4	1/4 oz.	65	15	24
Corn, sweet	May 1 to July 1	1-2	4 oz.	60-90	12	24
Cress, garden	April 1 and Aug. 1	1/4	1/2 oz.	65	6	18
Cucumber	May 10 to June 1	1-2	1/2 oz.	50-70	12	48
Endive	August 1	1/2-1	1 oz.	90-100	18	18
Kale	August 1	1/2	1/4 oz.	50-70	18	18
Kohlrabi	April 1 and Aug. 1	1/2	1/4 oz.	50-70	4	18
Lettuce, leaf	April 1 and Aug. 1	1/4	1/2 oz.	40-50	6	18
Mustard	April 1 and Aug. 1	1/4	1 oz.	40	8	18
Muskmelon	May 15	1-2	1/2 oz.	70-100	12	48
Okra	April 1 .	1/2	1/2 oz.	65	15	30
Onions, seed	April 1	1/2-1	1 oz.	110-150	3	18
Onions, sets	April 1	1-2	2 lbs.	100-140	3	18
Onions, winter	April 1	1-2	3 lbs.	30-40	1	18
Parsley	April 1 to April 10	1/8-1/4	1/4 oz.	55-60	6	18
Parsnips	April 1	1/2-1	1/2 oz.	130-140	3	24
Peas	April 1	2-3	1-2 lbs.	50-60	1	18
Potatoes, early	April 1	3-4	10 lbs.	90-110	9	24
Potatoes, late	May 15	3-4	9 lbs.	110-140	12	24
Pumpkin, bush	May 15	1-2	1 oz.	60-90	12	36
Pumpkin, vine	May 20	1-2	1/2 oz.	90-110	12	60
Radish	April 1 and Aug. 1	1/2-1	1 oz.	25-35	1	18
Rhubarb	April	2-3	50 roots	365	24	36
Rutabaga	July 1	1/2-1	1/4 oz.	100-120	6	24
Salsify	April 1 to April 10	1/2-1	1 oz.	140-150	2	18
Spinach	April 1 and Sept. 1	1/2-1	1 oz.	40-50	2	18
Spinach, N. Zealand	April 10 to May 1	1/2-1	1 oz.	60-80	15	24
Squash	May 15	1-2	1/2 oz.	60-125	48	60
Turnip	April 1 and Aug. 15	1/4-1/2	1/2 oz.	50-60	3	18
Watermelon	May 20	1-2	1 oz.	110-130	96	96

NOTE: The planting dates are for normal seasons in central Ohio.

Quantity of Seed Usually Sown to the Acre

Beans, dwarf in drills or rows	1 to 1½ bu.	Grass, Lawn, alone.....	5 to 6 bu.
Beans, Pole, in hills.....	8 to 12 qts.	Grass, Orchard, alone..	2 to 3 bu.
Beets, in drills.....	4 to 5 lbs.	Grass, Kentucky Blue..	2 to 3 bu.
Barley, broadcast.....	2 to 3 bu.	Hungarian, alone.....	¾ to 1 bu.
Buckwheat	¾ to 1 bu.	Millet, alone.....	¾ to 1 bu.
Broom Corn, in hills.....	1 to 6 qts.	Oats, broadcast.....	2 to 3 bu.
Carrots, in drills.....	3 to 3½ lbs.	Onions, in drills.....	4 to 6 lbs.
Cucumbers, in hills.....	1 to 2 lbs.	Parsnips, in drills.....	4 to 6 lbs.
Corn, in hills.....	6 to 8 qts.	Peas, Early, in drills....	1¼ to 1½ bu.
Corn, in drills.....	2 to 3 bu.	Peas, Marrow, in drills	1¼ to 1½ bu.
Clover, Red, alone.....	15 lbs.	Peas, broadcast.....	2½ to 3 bu.
Clover, White, alone.....	8 to 11 lbs.	Potatoes, cut tubers....	8 to 10 bu.
Clover, Alsike, alone.....	8 to 10 lbs.	Radish, in drills	8 to 10 lbs.
Clover, Lucerne.....	20 to 30 lbs.	Rye, broadcast.....	1⅓ to 1¼ bu.
Flax, broadcast.....	1 to 2 bu.	Salsify, in drills.....	8 to 9 lbs.
Grass, Timothy, alone.....	¼ bu.	Spinach, in drills.....	8 to 10 lbs.
Grass, Redtop, alone.....	1 to 2 bu.	Turnip, in drills.....	1 to 1½ lbs.
		Wheat, broadcast.....	1¼ to 2 bu.

Number of Plants, Vines, Etc., Required to Set an Acre

1 ft. by 1 ft.....	43,560	6 ft. by 6 ft.....	1,210
1½ ft. by 1½ ft.....	19,360	8 ft. by 8 ft.....	680
2 ft. by 1 ft.....	21,780	10 ft. by 10 ft.....	434
2 ft. by 2 ft.....	10,890	12 ft. by 12 ft.....	302
2¼ ft. by 2½ ft.....	6,970	15 ft. by 15 ft.....	194
3 ft. by 1 ft.....	14,520	18 ft. by 18 ft.....	134
3 ft. by 2 ft.....	7,260	20 ft. by 20 ft.....	103
3 ft. by 3 ft.....	4,940	25 ft. by 25 ft.....	70
4 ft. by 4 ft.....	2,722	10 ft. by 30 ft.....	40
5 ft. by 5 ft.....	1,742	30 ft. by 40 ft.....	27

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